

**CLEAN-COPY OF ALL PENDING CLAIMS**

- 1 1. An electrophoretic display element comprising:  
2 a first capsule including a first species of particles having a first optical property  
3 and a second species of particles having a second optical property visually different from  
4 the first optical property; and  
5 a second capsule including a third species of particles having a third optical property  
6 and a fourth species of particles having a fourth optical property visually different  
7 from the third optical property;  
8 wherein the element presents a visual display in response to the application of an  
9 electrical signal to at least one of said first capsule and said second capsule.
- 1 2. The electrophoretic display element of claim 1 wherein the first optical property  
2 and the third optical property are substantially similar in appearance.
- 1 3. The electrophoretic display element of claim 1 further comprising:  
2 in said first capsule, a fifth species of particles having a fifth optical property visually  
3 different from the first and second optical properties;  
4 in said second capsule, a sixth species of particles having a sixth optical property  
5 visually different from the third and fourth optical properties; and  
6 a third capsule including a seventh species of particles having a seventh optical property,  
7 an eighth species of particles having a eighth optical property, and a ninth species of  
8 particles having a ninth optical property.
- 1 4. The electrophoretic display element of claim 3 wherein the first, third and seventh  
2 optical properties have a white visual appearance.
- 1 5. The electrophoretic display element of claim 3 wherein the second, fourth and  
2 eighth optical properties have a black visual appearance.
- 1 6. The electrophoretic display element of claim 4 wherein at least one of the optical  
2 properties is red visual appearance.
- 1 7. The electrophoretic display element of claim 4 wherein at least one of the optical  
2 properties is green visual appearance.

- 1 8. The electrophoretic display element of claim 4 wherein at least one of the optical  
2 properties is blue visual appearance.
- 1 9. The electrophoretic display element of claim 4 wherein at least one of the optical  
2 properties is yellow visual appearance.
- 1 10. The electrophoretic display element of claim 4 wherein at least one of the optical  
2 properties is cyan visual appearance.
- 1 11. The electrophoretic display element of claim 4 wherein at least one of the optical  
2 properties is magenta visual appearance.
- 1 12. The electrophoretic display element of claim 1 wherein at least one of the optical  
2 properties comprises color.
- 1 13. The electrophoretic display element of claim 1 wherein at least one of the optical  
2 properties comprises brightness.
- 1 14. The electrophoretic display element of claim 1 wherein at least one of the optical  
2 properties comprises reflectivity.
- 1 15. The electrophoretic display element of claim 1 wherein the capsules further  
2 include a suspending fluid.
- 1 16. The electrophoretic display element of claim 15 wherein the suspending fluid is  
2 substantially clear.
- 1 17. The electrophoretic display element of claim 15 wherein the suspending fluid is  
2 dyed.
- 1 18. A display apparatus comprising:  
2 the display element of claim 1; and  
3 at least one electrode adjacent said display element;  
4 wherein the apparatus presents a visual display in response to the application of an  
5 electrical signal via said electrode to said display element.
- 1 19. The display apparatus according to claim 18, further comprising a plurality of  
2 electrodes adjacent said display element.
- 1 20. The display apparatus according to claim 18 wherein said at least one of the  
2 plurality of electrodes has a size different from others of the plurality of electrodes.

1 21. The display apparatus according to claim 18 wherein said at least one of the  
2 plurality of electrodes has a color different from others of the plurality of electrodes.

1 22. (cancelled)

1 23. (cancelled)

1 24. (cancelled)

1 25. (cancelled)

1 26. (cancelled)

1 27. (cancelled)

1 28. (cancelled)

1 29. (cancelled)

1 30. (cancelled)

1 31. (cancelled)

1 32. (cancelled)

1 33. (cancelled)

1 34. (cancelled)

1 35. (cancelled)

1 36. (cancelled)

1 37. (cancelled)

1 38. (New) An electrophoretic display element comprising:

2 a first capsule including a first plurality of white particles and a second plurality of  
3 particles having a first optical property visually different from white; and

4 a second capsule including a third plurality of particles having a second optical property  
5 and a fourth plurality of particles having a third optical property;

6 wherein the element presents a visual display in response to the application of an  
7 electrical signal to at least one of said first capsule and said second capsule.

1 39. (New) The electrophoretic display element of claim 38 wherein the first and the third  
2 optical properties are substantially similar in appearance.

1 40. (New) The electrophoretic display element of claim 39 wherein the first and the third  
2 optical properties have a black visual appearance.

1 41. (New) The electrophoretic display element of claim 38 wherein the second optical  
2 property has a white visual appearance.

1 42. (New) The electrophoretic display element of claim 38 further comprising:  
2 in said first capsule, a fifth plurality of particles having a fourth optical property  
3 visually different from white and the first optical property;  
4 in said second capsule, a sixth plurality of particles having a fifth optical property  
5 visually different from the second optical property and the third optical property;  
6 and  
7 a third capsule including a seventh species of particles having a sixth optical property, an  
8 eighth species of particles having a seventh optical property, and a ninth species of  
9 particles having an eighth optical property.

1 43. (New) The electrophoretic display element of claim 42 wherein the sixth optical  
2 property has a white visual appearance.

1 44. (New) The electrophoretic display element of claim 42 wherein the first, third and  
2 seventh plurality of particles optical properties have a black visual appearance.

1 45. (New) The electrophoretic display element of claim 42 wherein at least one of the  
2 optical properties has a red visual appearance.

1 46. (New) The electrophoretic display element of claim 42 wherein at least one of the  
2 optical properties has a green visual appearance.

1 47. (New) The electrophoretic display element of claim 42 wherein at least one of the  
2 optical properties has a blue visual appearance.

1 48. (New) The electrophoretic display element of claim 42 wherein at least one of the  
2 optical properties has a yellow visual appearance.

1 49. (New) The electrophoretic display element of claim 42 wherein at least one of the  
2 optical properties has a cyan visual appearance.

1 50. (New) The electrophoretic display element of claim 42 wherein at least one of the  
2 optical properties has a magenta visual appearance.

1 51. (New) The electrophoretic display element of claim 1 wherein at least one of the  
2 optical properties comprises color.

1 52. (New) The electrophoretic display element of claim 1 wherein at least one of the  
2 optical properties comprises brightness.

1 53. (New) The electrophoretic display element of claim 1 wherein at least one of the  
2 optical properties comprises reflectivity.

1 54. (New) The electrophoretic display element of claim 1 wherein the capsules further  
2 include a suspending fluid.

1 55. (New) The electrophoretic display element of claim 54 wherein the suspending fluid  
2 is substantially clear.

1 56. (New) The electrophoretic display element of claim 54 wherein the suspending fluid  
2 is dyed.

1 57. (New) A display apparatus comprising:

2 the display element of claim 38; and

3 at least one electrode adjacent said display element;

4 wherein the apparatus presents a visual display in response to the application of an  
5 electrical signal via said electrode to said display element.

1 58. (New) The display apparatus according to claim 57, further comprising a plurality of  
2 electrodes adjacent said display element.

1 59. (New) The display apparatus according to claim 57 wherein said at least one of the  
2 plurality of electrodes has a size different from others of the plurality of electrodes.

1 60. (New) The display apparatus according to claim 57 wherein said at least one of the  
2 plurality of electrodes has a color different from others of the plurality of electrodes.